Notice of Allowability	Application No.	Applicant(s)
	10/721,243	SHIMOMURA ET AL.
	Examiner	Art Unit
	MOHAMMAD Y SIKDER	2872
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.		
1. This communication is responsive to <u>application received or application re</u>	o <u>n 11/26/03</u> .	
2. The allowed claim(s) is/are <u>1-4,6-8,11-23 and 25-40</u> .		
3. A The drawings filed on 26 November 2003 are accepted by the Examiner.		
 4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some* c) None of the: Certified copies of the priority documents have been received. Certified copies of the priority documents have been received in Application No. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 		
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the requirements
5. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give		
6. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.	
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached		
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date		
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date		
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t		
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.		
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)		Patent Application (PTO-152)
2. Intolice of Drantperson's Patent Drawing Review (P10-946)	Paper No./Mail Da	te
 Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date <u>11/26/03</u> 	7. Examiner's Amendr	ment/Comment
4. Examiner's Comment Regarding Requirement for Deposit		ent of Reasons for Allowance
of Biological Material	9.	
		MOHAMMAD Y SIKDER Primary Examiner Art Unit: 2872

Application/Control Number: 10/721,243

Art Unit: 2872

REASONS FOR ALLOWANCE

The following is an Examiner's Statement of Reasons for Allowance:

The claims are allowable over the prior art for at least the reason that the prior art fails to reasonably teach or suggest wherein said first control circuit instructs-said first optical pumping source whether a pumping light is supplied to said first impurity-doped fiber or is stopped and inserts a signal from said optical transmission line to said second optical amplifier when said pumping light is stopped or a first control circuit for outputting first and second signals for switching a gain of said first and second optical amplifiers or wherein said control circuit instructs said first optical pumping source whether a pumping light is supplied to said first impurity-doped fiber or is stopped, and inserts a signal from a optical transmission line connected to an input-side of said second optical amplifier to said second optical amplifier when said amplifying light is stopped as set forth in the claimed combination.

Any comments considered necessary by applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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CONTACT INFORMATION

Papers related to this application may be submitted to Group 2870 by facsimile transmission. Papers should be faxed to Group 2800 via the PTO Fax center located in the Crystal Plaza 4. Faxing of such papers must conform with the notice published in the official Gazette, 1096 OG 30 (November 15, 1989). The CP-4 Fax Center number is (703) 308-7722.

Any inquiry of a general nature or relating to the status of this application should be directed to M. Sikder whose telephone number is (571) 272-2321.

MOHAMMAD SIKDER
PRIMARY EXAMINER

Monday, June 28, 2004